

FIG. 1

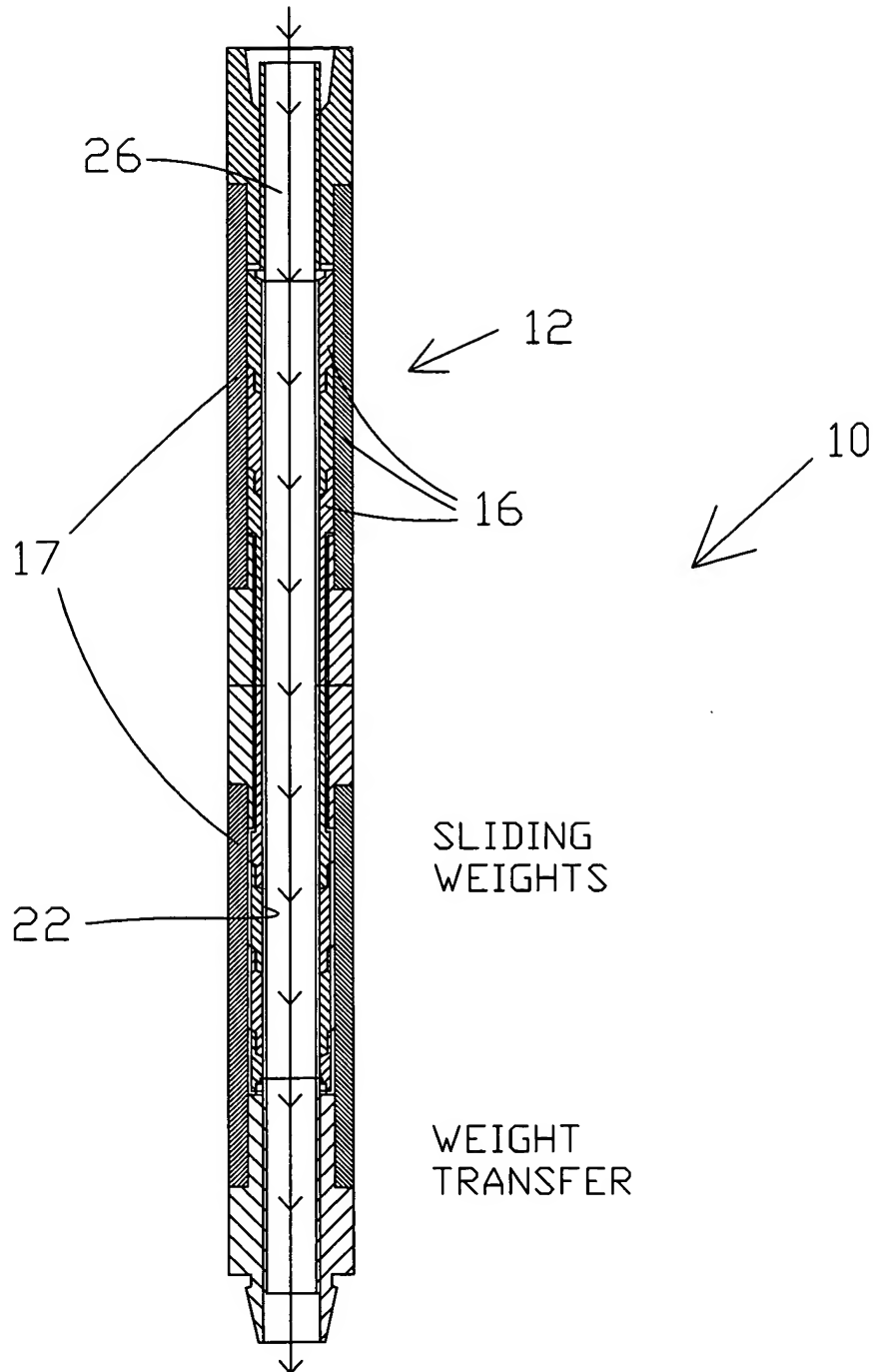


FIG. 1A



FIG. 1B

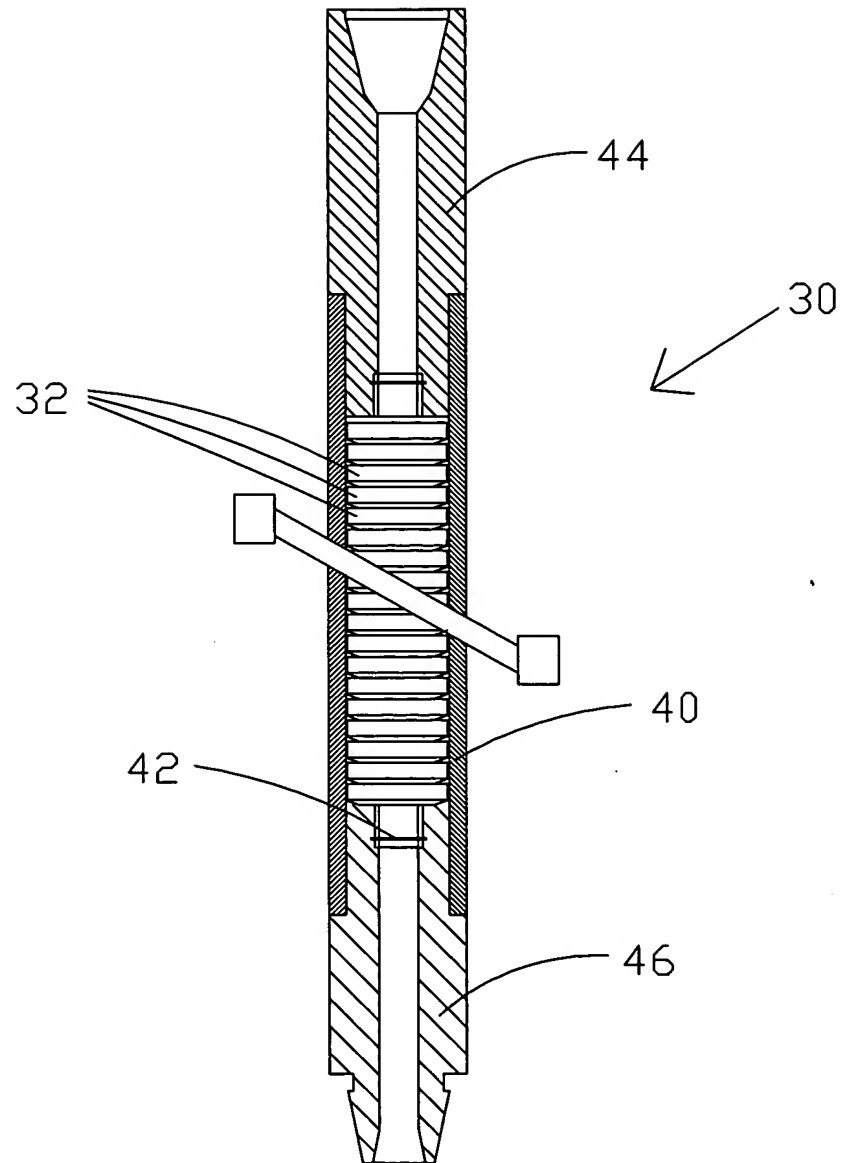
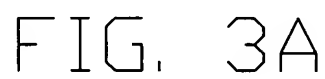
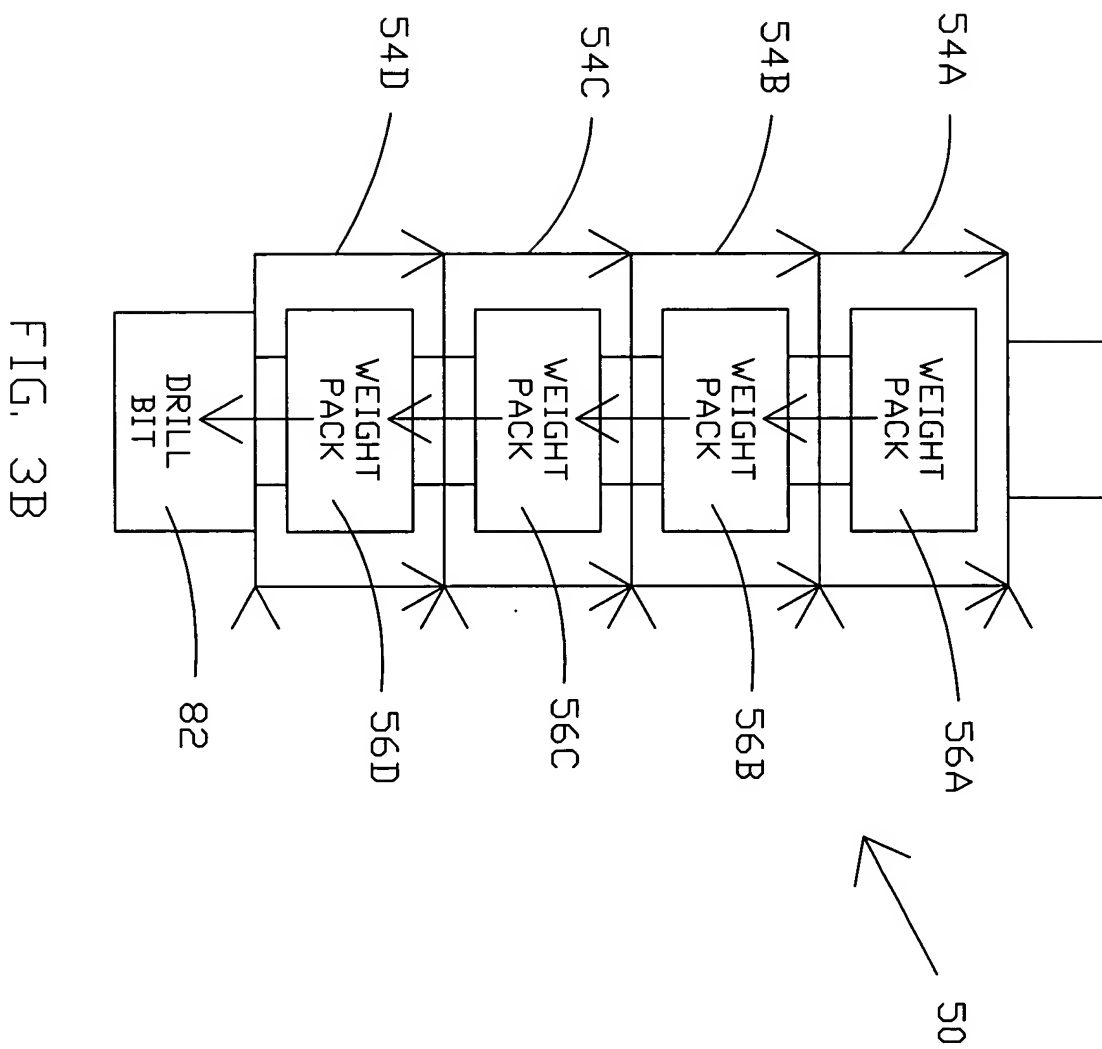


FIG. 2



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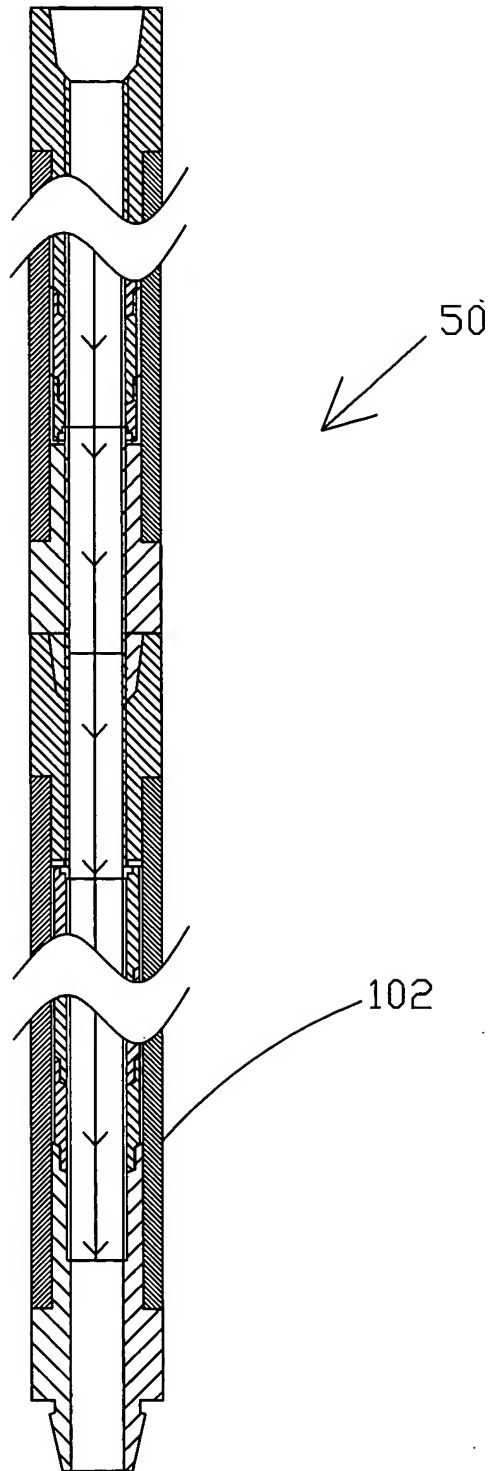


FIG. 3C

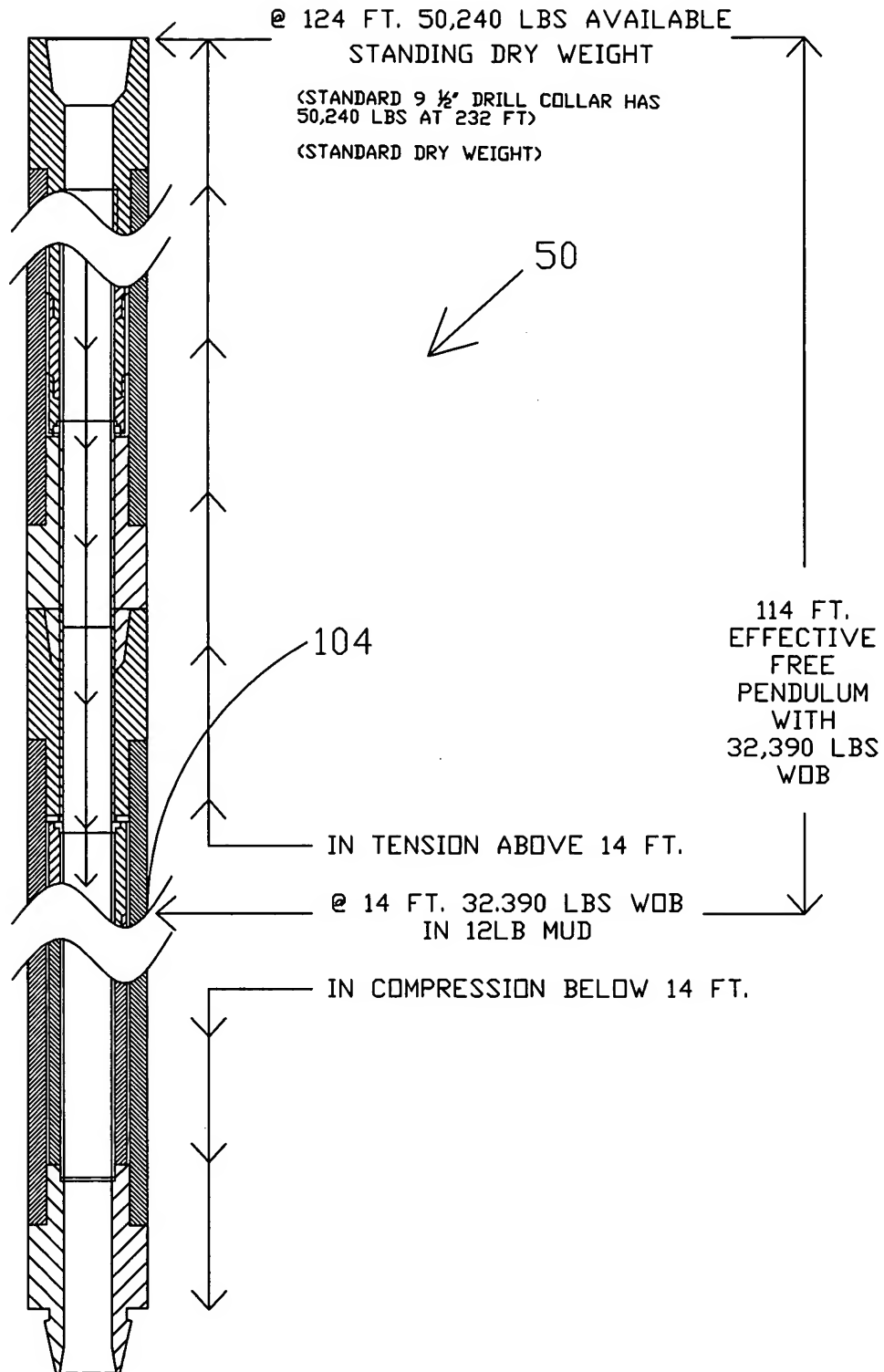


FIG. 3D

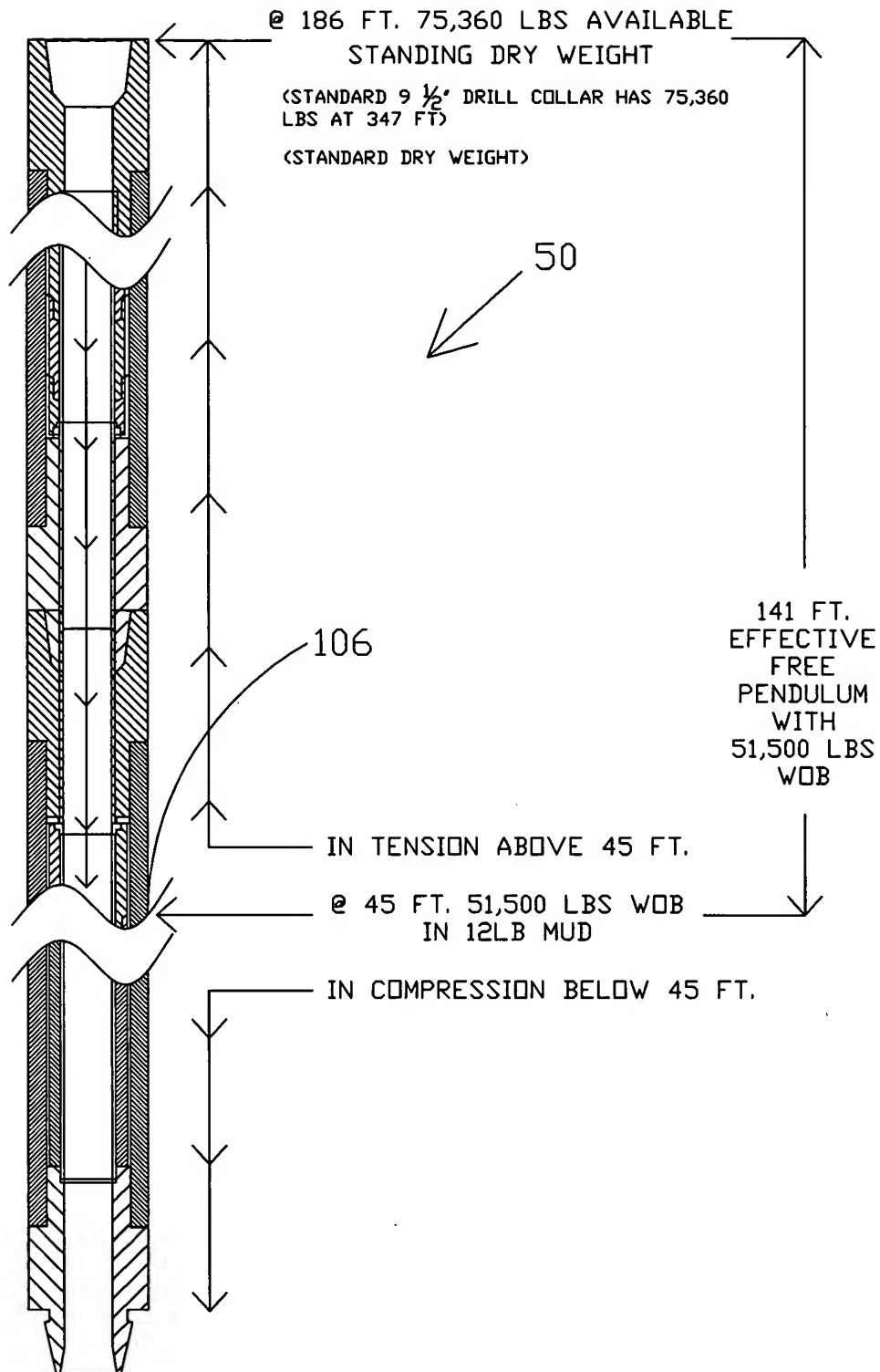


FIG. 3E

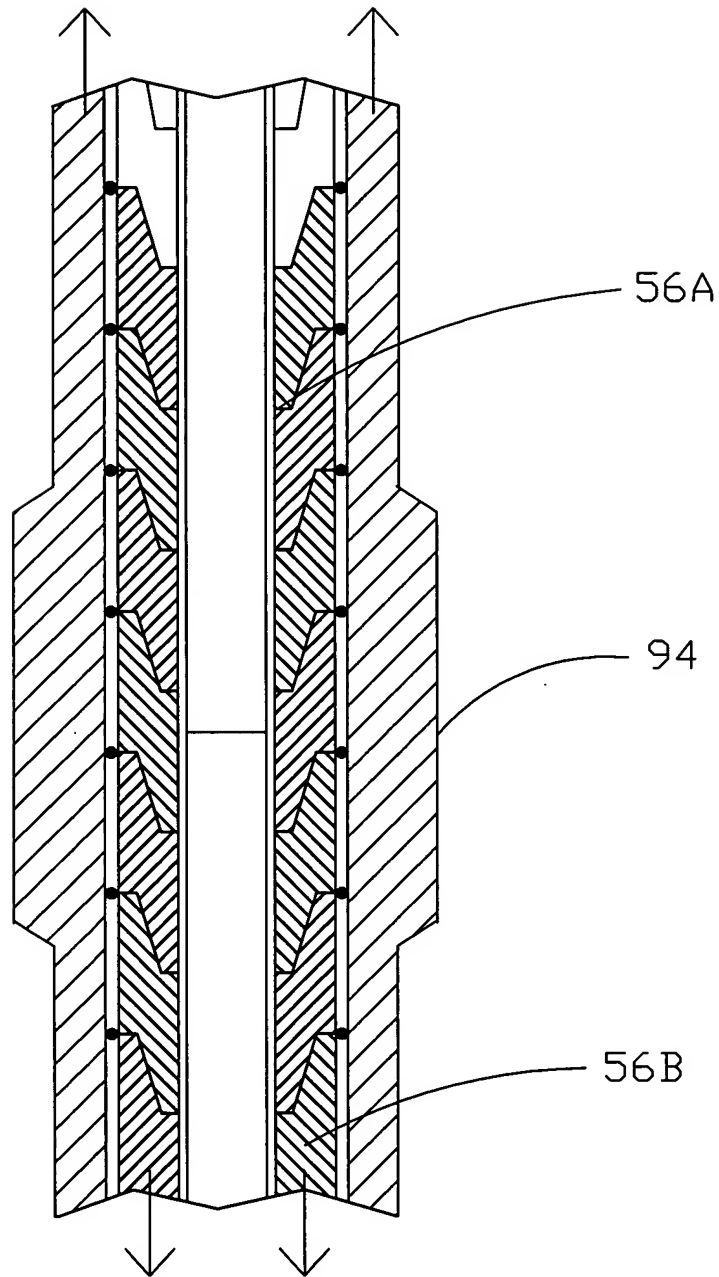


FIG. 3F

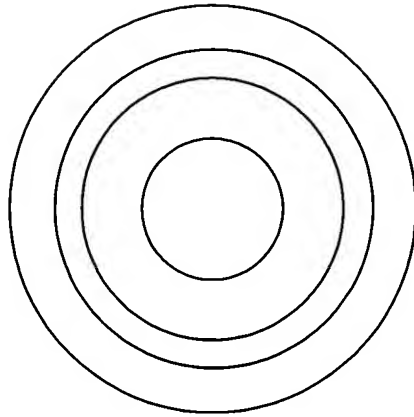


FIG. 4A

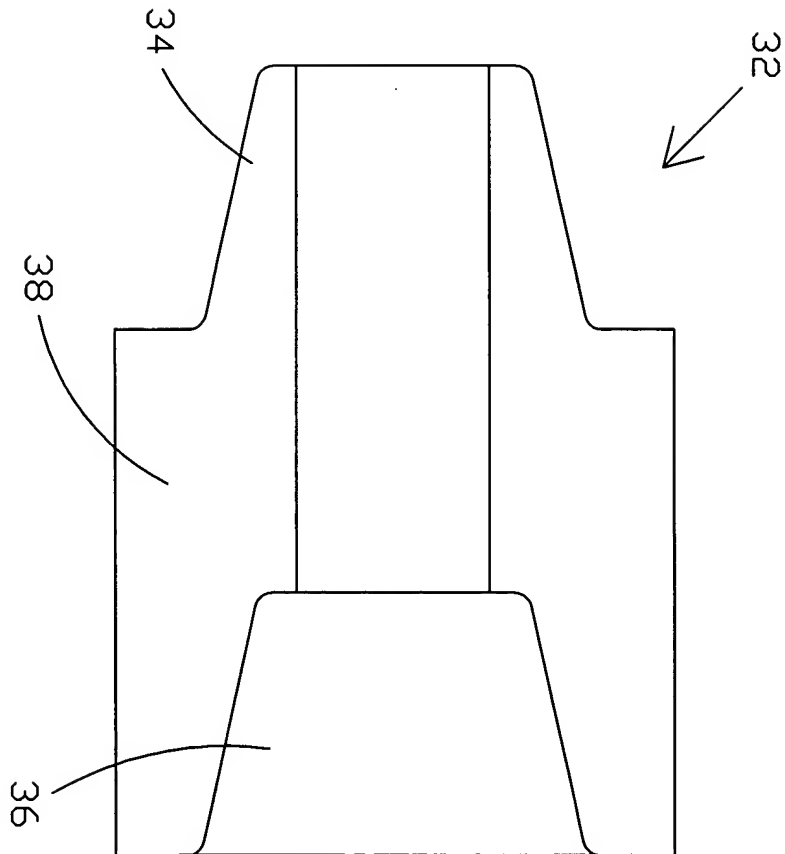


FIG. 4B

FIG. 4C

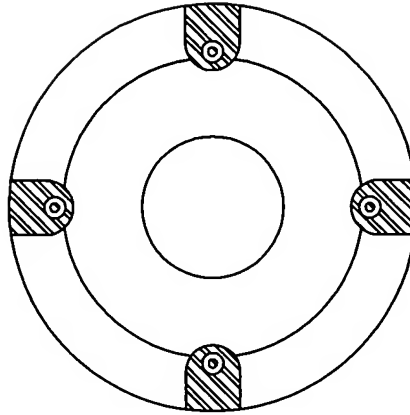
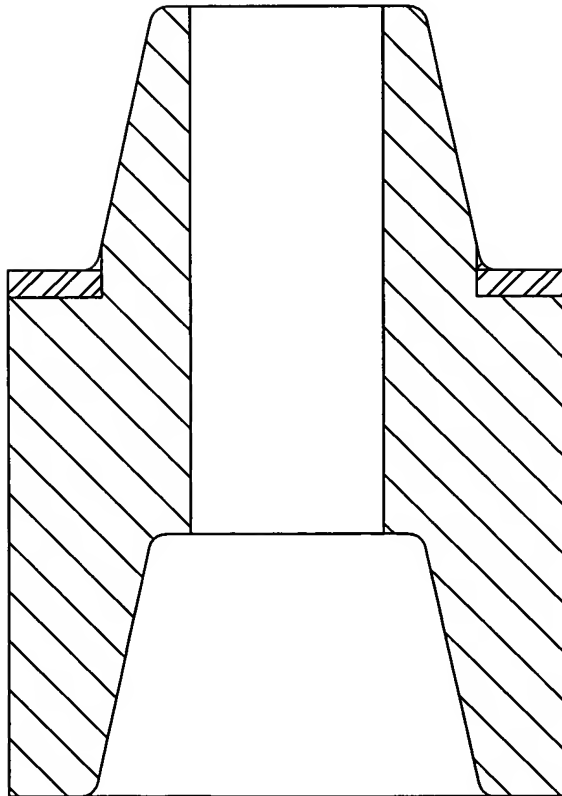
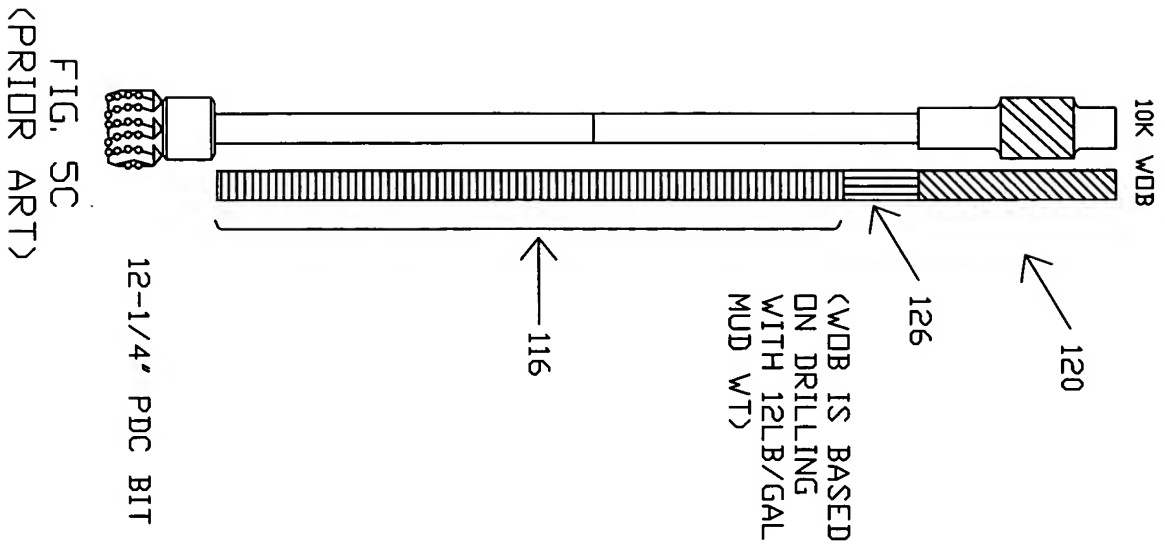
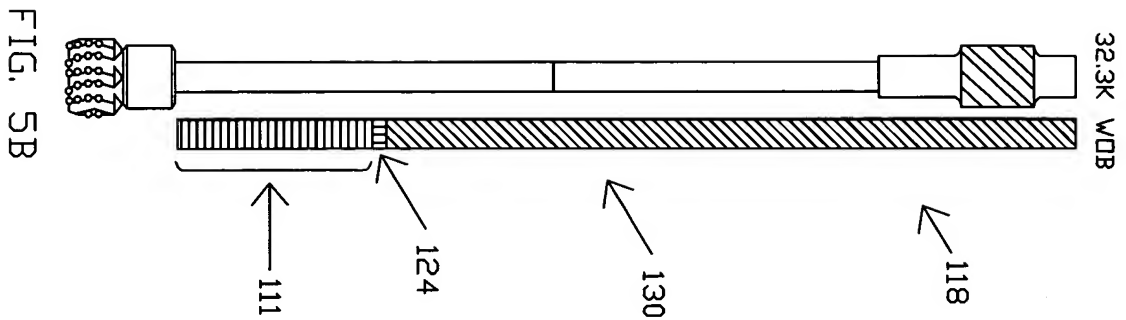
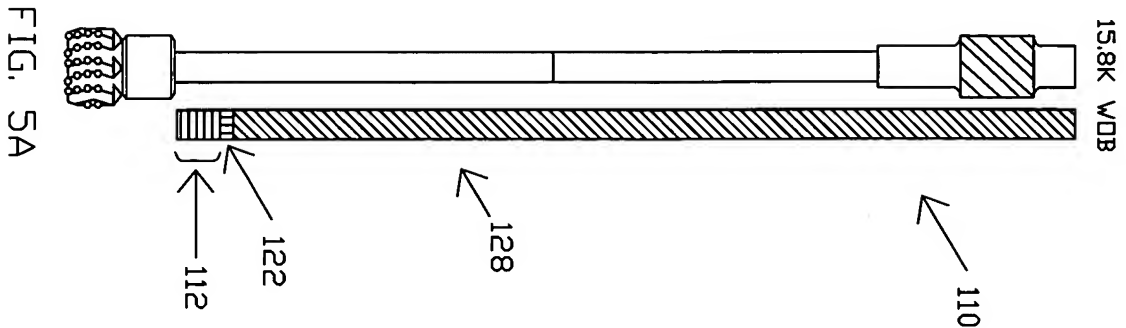


FIG. 4D



IN TENSION
 NEUTRAL ZONE
 IN COMPRESSION



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FIG. 6A
(PRIOR ART)

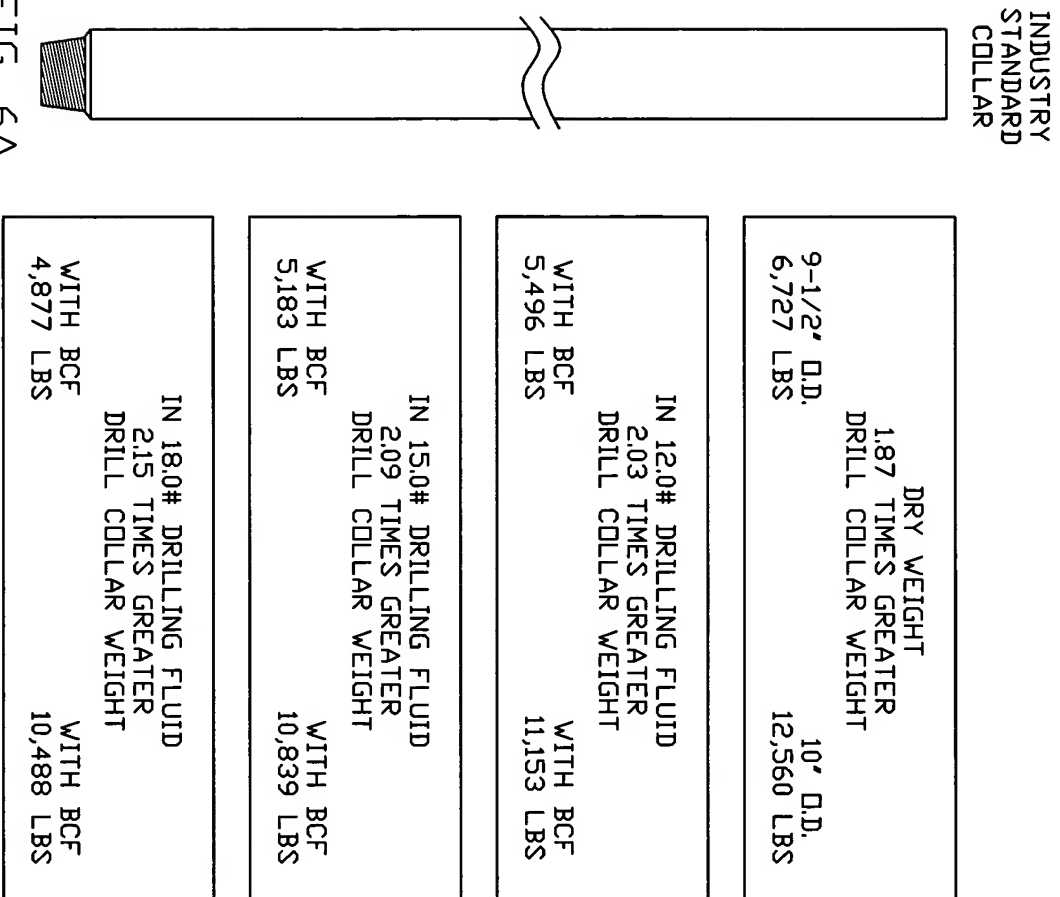
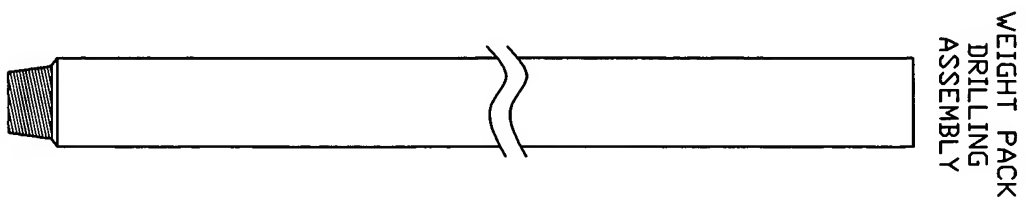


FIG. 6B



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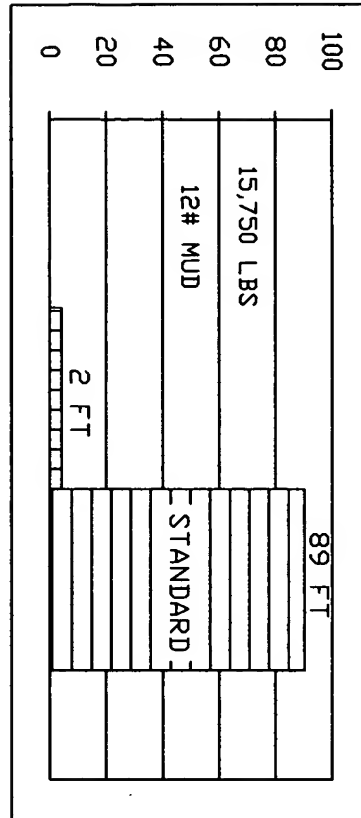


FIG. 7A

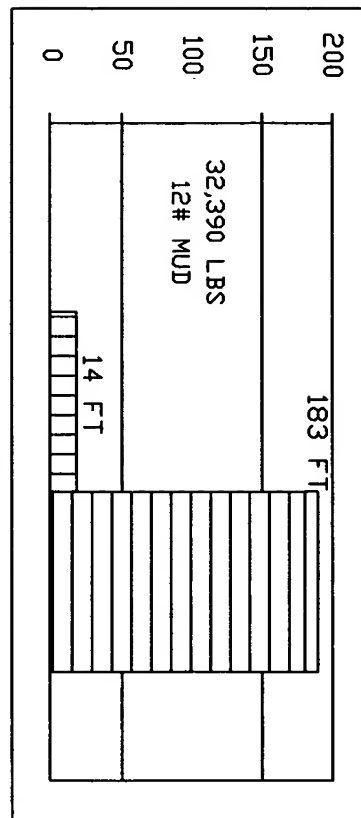


FIG. 7B

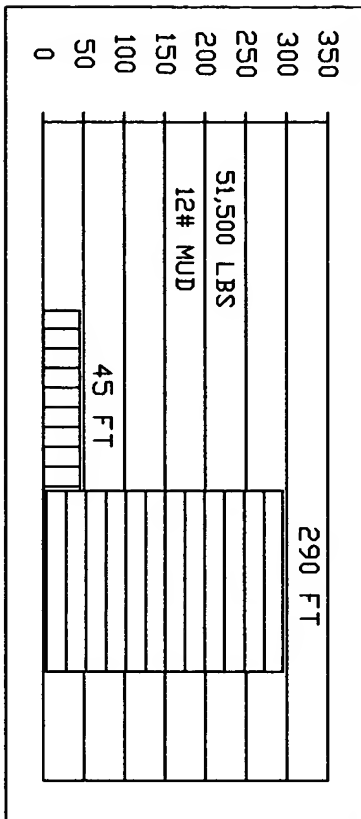


FIG. 7C

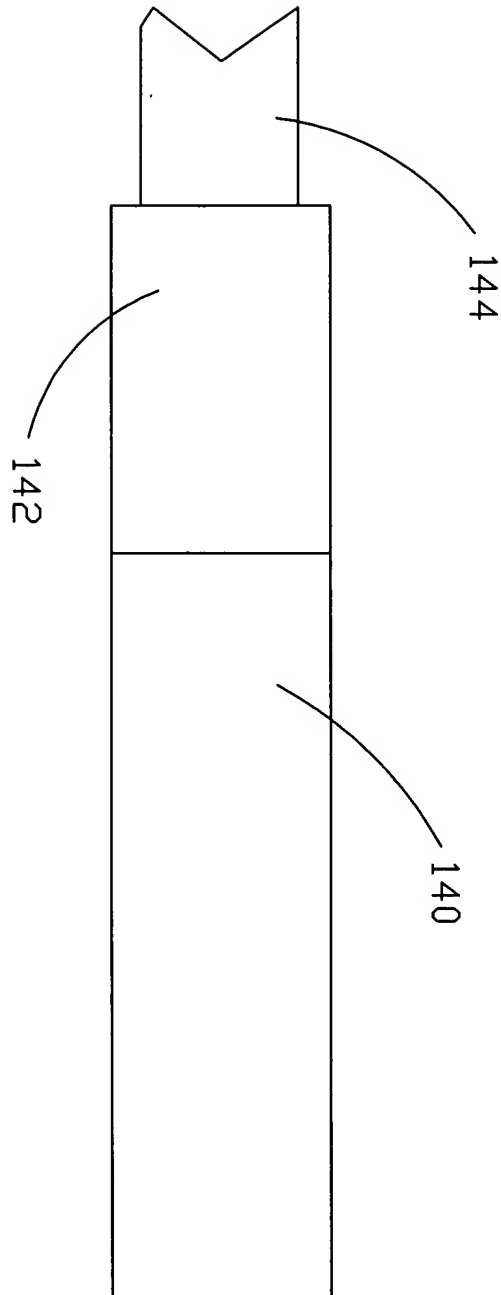


FIG. 8

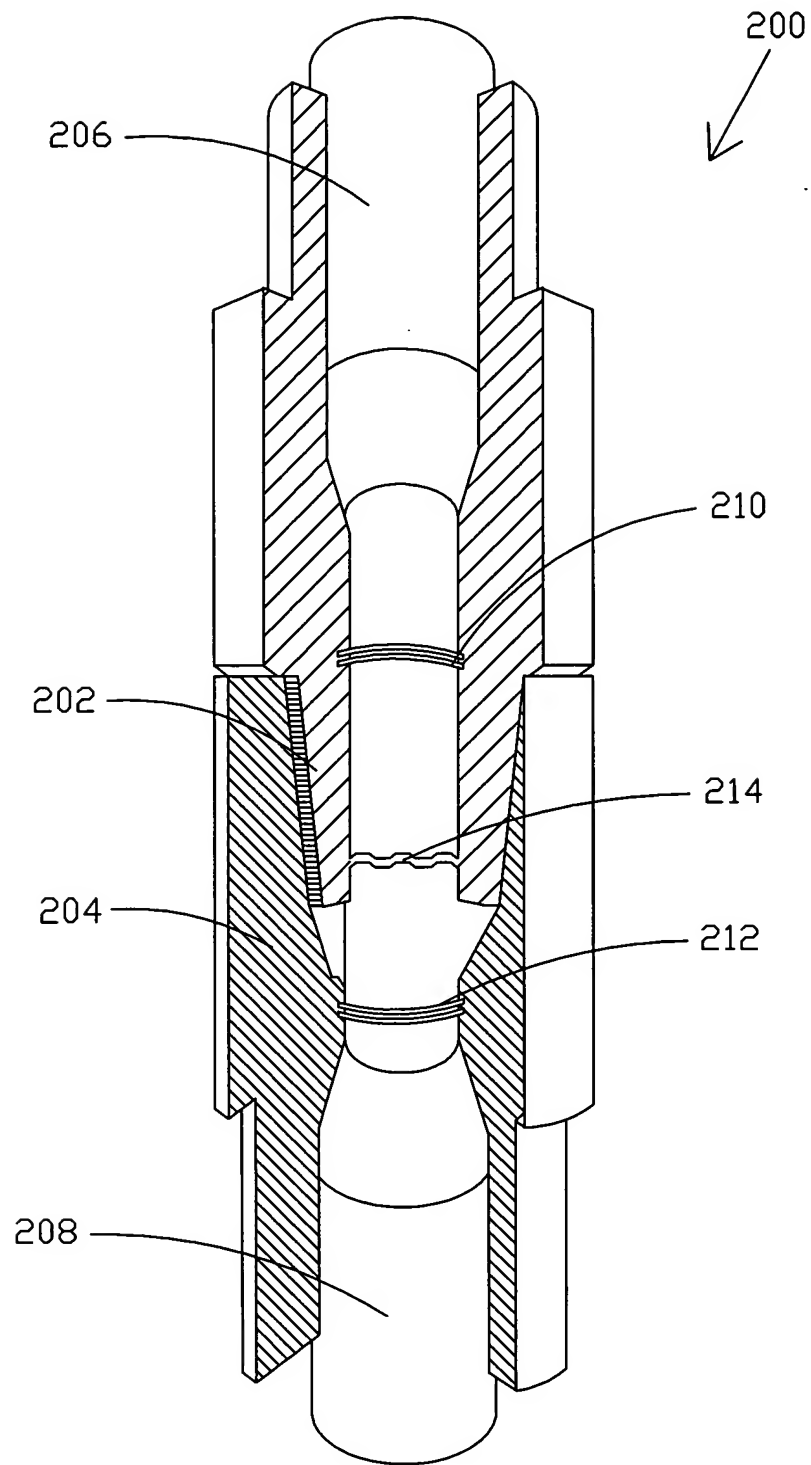


FIG. 9